Análisis espacial con





Dependencias





Shapely









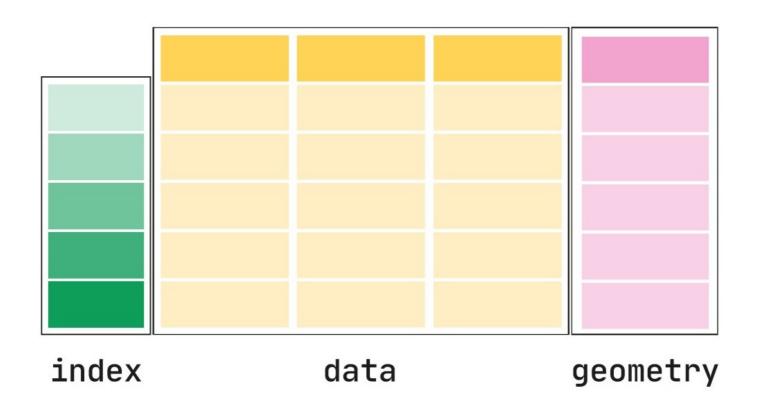








Componente espacial





Modelo de datos

Simple Feature Access







Geometrías primitivas (2D)

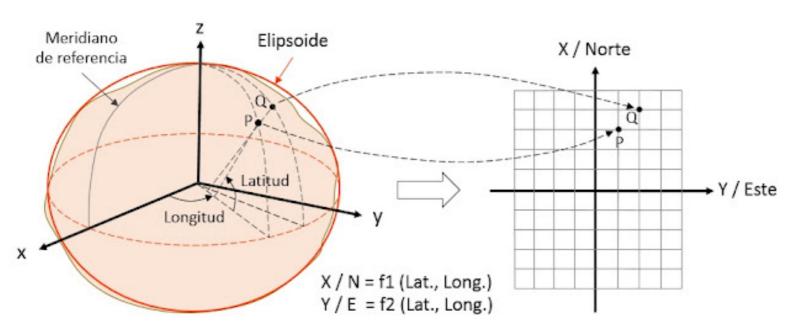
Туре		Ejemplos			
Punto	- 0	POINT (30 10)			
Línea	<	LINESTRING (30 10, 10 30, 40 40)			
Polígono		POLYGON ((30 10, 40 40, 20 40, 10 20, 30 10))			
		POLYGON ((35 10, 45 45, 15 40, 10 20, 35 10), (20 30, 35 35, 30 20, 20 30))			

Geometrías multiparte (2D)

Туре	Ejemplos		
Multipunto	MULTIPOINT ((10 40), (40 30), (20 20), MULTIPOINT (10 40, 40 30, 20 20, 30 10		
Multilínea	MULTILINESTRING ((10 10, 20 20, 10 40) (40 40, 30 30, 40 20, 30 10))	,	
	MULTIPOLYGON (((30 20, 45 40, 10 40, 3 ((15 5, 40 10, 10 20, 5 10, 15 5)))	30 20)),	
Multipolígono	MULTIPOLYGON (((40 40, 20 45, 45 30, 4 ((20 35, 10 30, 10 10, 30 5, 45 20, 20 (30 20, 20 15, 20 25, 30 20)))		

Gabriel De Luca

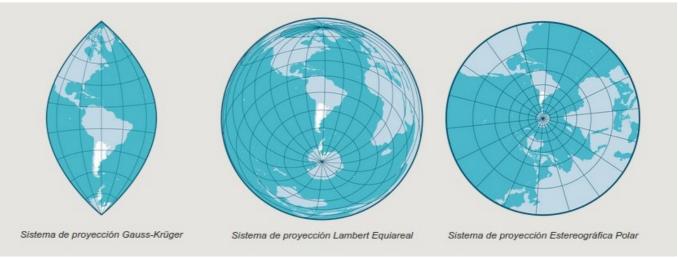
Georreferenciación y Proyección Cartográfica



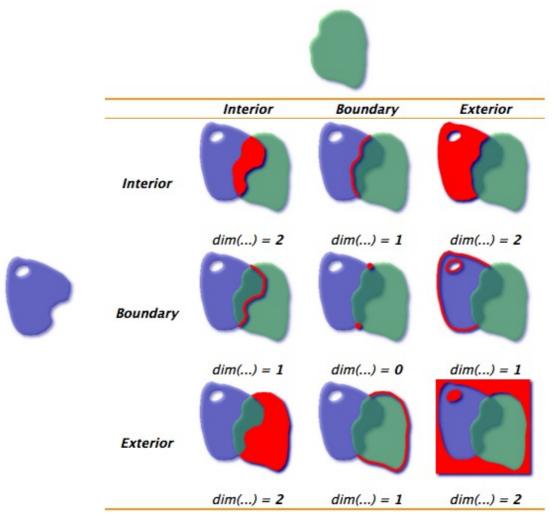








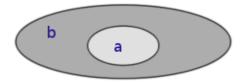
Modelo de Intersección (DE-9IM)



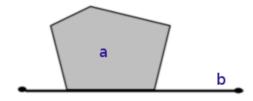


Predicados espaciales

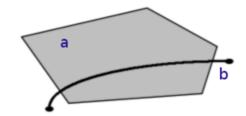
Within(a,b)



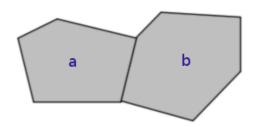
Touches(a,b)



Crosses(a,b)



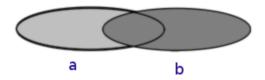
Touches(a,b)



Crosses(a,b)

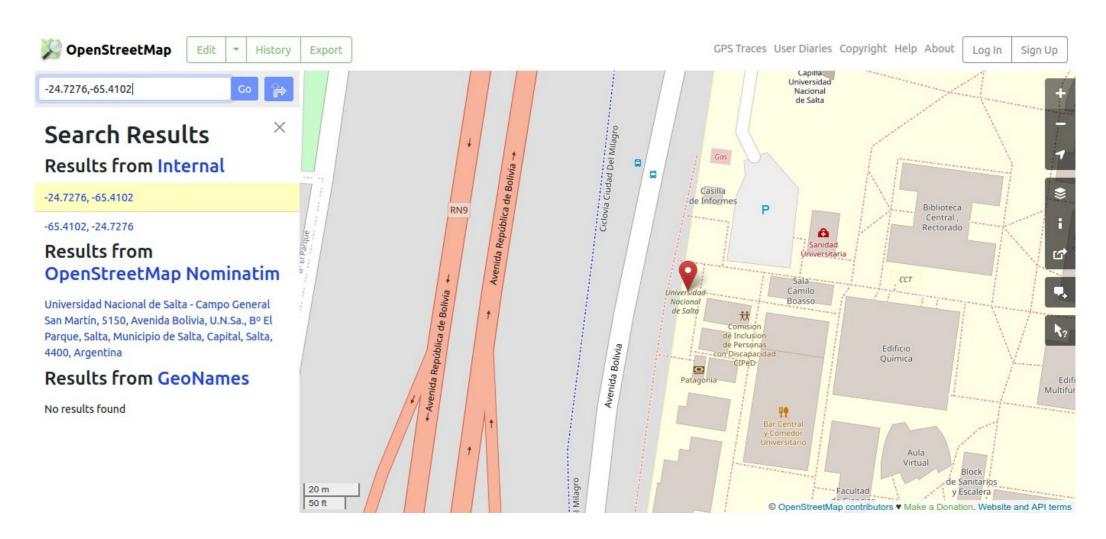


Overlaps(a,b)





Geocodificación





Gracias!



